

Title (en)
SOFC STACK WITH INTEGRATED HEATER

Title (de)
SOFC-STAPEL MIT INTEGRIERTEM HEIZER

Title (fr)
ASSEMBLAGE DE PILES À COMBUSTIBLE À OXYDE SOLIDE (SOFC) COMPRENANT UN DISPOSITIF DE CHAUFFAGE INTÉGRÉ

Publication
EP 2971250 A1 20160120 (EN)

Application
EP 14707425 A 20140303

Priority
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• EP 2014054086 W 20140303
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Abstract (en)
[origin: WO2014139822A1] An integrated heater for a Solid Oxide Electrolysis System is integrated directly in the SOEC stack, and can operate and heat the stack independently of the electrolysis process.

IPC 8 full level
C25B 1/04 (2006.01); **C25B 9/00** (2006.01); **C25B 9/18** (2006.01); **H01M 8/04** (2006.01); **H01M 8/24** (2006.01)

CPC (source: EP US)
C25B 1/04 (2013.01 - EP US); **C25B 9/00** (2013.01 - EP US); **C25B 9/70** (2021.01 - EP US); **C25B 11/00** (2013.01 - EP US); **C25B 13/04** (2013.01 - EP US); **C25B 15/02** (2013.01 - EP US); **H01M 8/04007** (2013.01 - US); **H01M 8/04014** (2013.01 - US); **H01M 8/04037** (2013.01 - US); **H01M 8/1246** (2013.01 - US); **H01M 2008/1293** (2013.01 - US); **H01M 2300/0071** (2013.01 - US); **Y02E 60/36** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)
See references of WO 2014139823A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014139822 A1 20140918; AU 2014231102 A1 20150924; BR 112015022536 A2 20170718; CA 2900513 A1 20140918; CL 2015002500 A1 20160328; CN 105074055 A 20151118; CN 105121708 A 20151202; EA 201591627 A1 20160331; EP 2971250 A1 20160120; EP 2971251 A1 20160120; JP 2016516129 A 20160602; KR 20150128715 A 20151118; KR 20150128716 A 20151118; US 2015368818 A1 20151224; US 2016006047 A1 20160107; WO 2014139823 A1 20140918

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